



**Route 606 Loudoun County Parkway /
Old Ox Road Reconstruction and
Widening Project**

**Pardon Our Dust Meeting
Freedom High School**

June 4, 2015

The Project Team

- Virginia Department of Transportation
- Shirley Contracting Company
- Dewberry Consultants, LLC
- Loudoun County
- Metropolitan Washington Airports Authority



Objectives

- Project Purpose and Need
- Provide an Overview of Design Features
- Discuss the Project Schedule
- Describe Construction Sequence
- Answer Your Questions



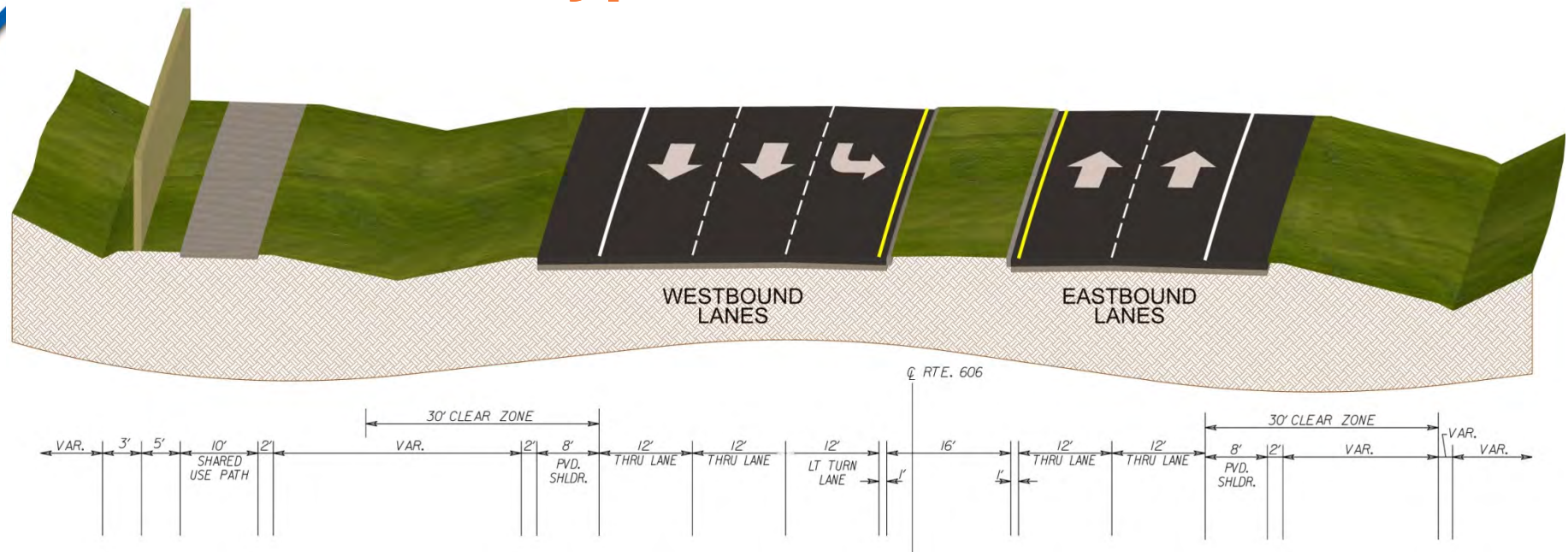
Project Purpose and Need

- Improve capacity & reduce congestion
- Improve traffic safety through improvements to roadway geometry and operations
- Provide a critical segment of the proposed Dulles Loop
- Enhance Connectivity of Regional Multimodal Transportation Network



Major Design Features

Typical Section



- **Four lane divided roadway**
- **Raised 28' Wide Grass Median**
- **8' wide full Depth Shoulders**
- **10' Wide Shared Use Path on West Side**

Major Design Features

Modification to Horsepen Dam and Spillway



Existing Condition

Major Design Features

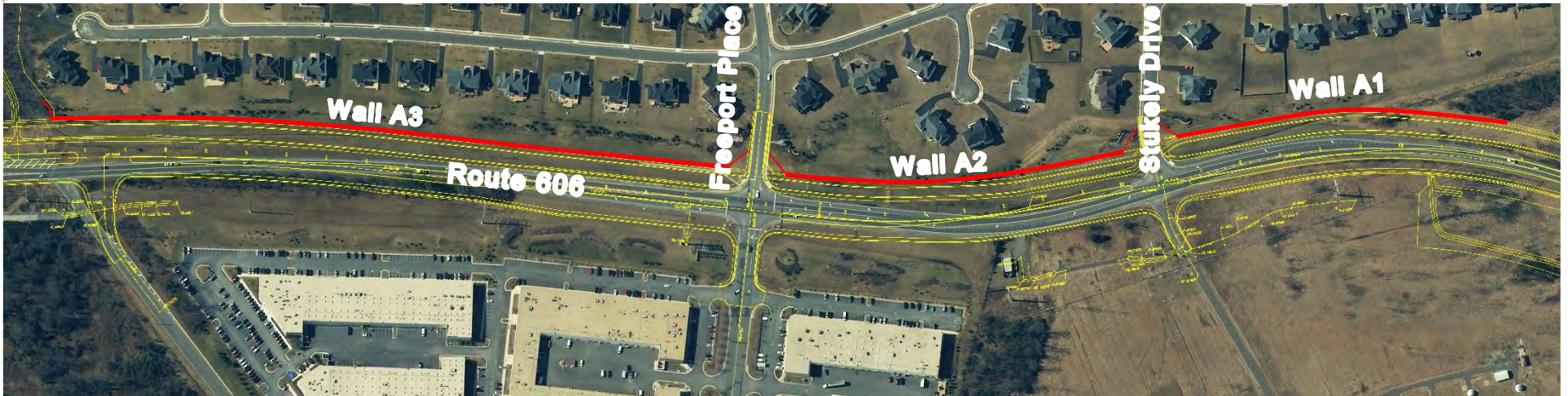
Modification to Horsepen Dam and Spillway



Proposed Widening

Major Design Features

Noise Barriers



- Wall A1: Stukely Drive to 880' NE, 10'-14' Tall
- Wall A2: Freeport Pl. to Stukely Dr., 10'-12' Tall
- Wall A3: Freeport Pl. to 1818' SW, 10'-12' Tall
- Scheduled to complete in Spring 2017.

Major Design Features

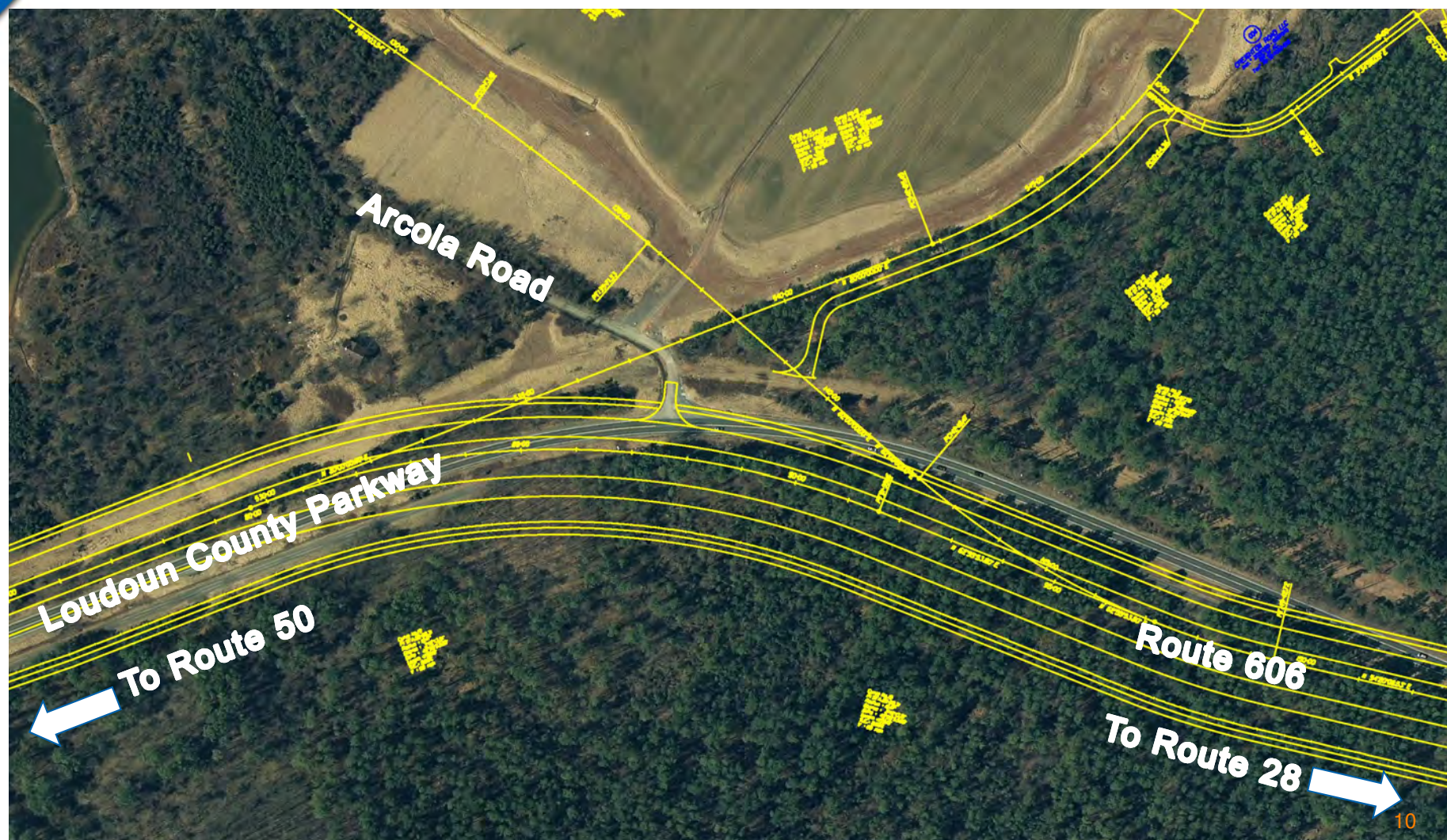
Noise Barriers

Architectural Finish

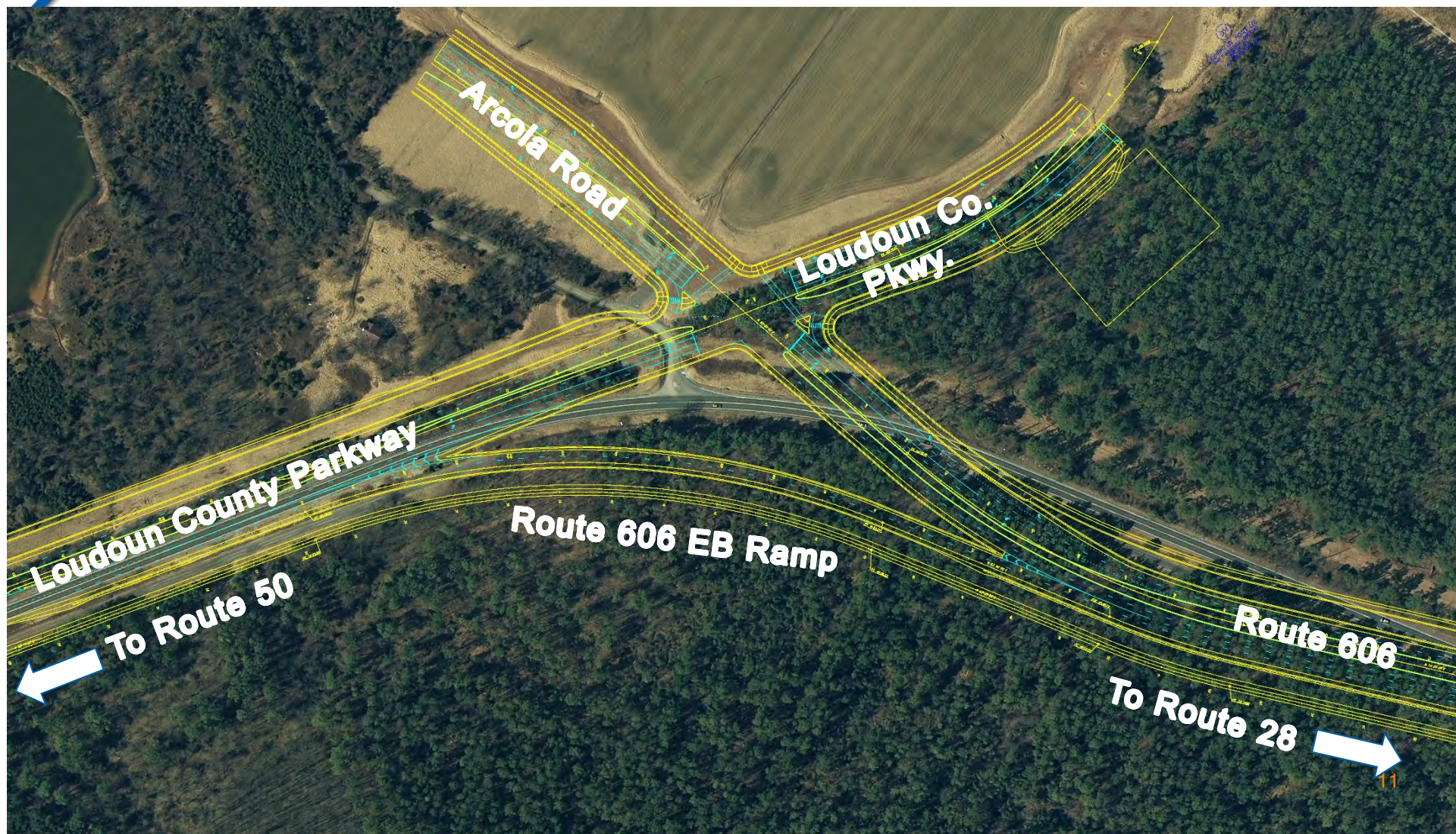
- Concrete Posts and Concrete Panels
- Every Other Top Panel: Virginia Dogwood on Chiseled Limestone
- Every Other Top Panel: Plain Chiseled Limestone
- Bottom Panels: Drystack Pattern
- Stained Color #37769



Loudoun County Parkway Intersection



Loudoun County Parkway Intersection (Open Spring 2017)



Project Metrics

- **Total Project Budget: \$107.7 Million**
- **Construction Contract Value: \$77.0 Million**
- **Project Length: 5 Miles**
- **Right-of-Way Acquisition: 55 Parcels
(Including up to 40 Acres from MWAA)**
- **Adjustments to 9 Utilities**
- **Project Duration: 39 months**

Construction Metrics

- **Communications Line Relocations** **>105,000 LF**
- **Overhead Power** **>22,000 LF**
- **24" Water Main:** **27,500 LF**
- **Earth Moving:** **508,000 CY**
(63,000 Truck Loads)
- **Storm Drainage:** **29,000 LF Pipe**
312 Drainage Structures
- **Pavement Stone:** **127,000 Tons**
- **Asphalt Pavement:** **228,000 Tons**
- **Noise Barrier:** **40,000 SF**
- **Pavement Markings:** **>300,000 LF**



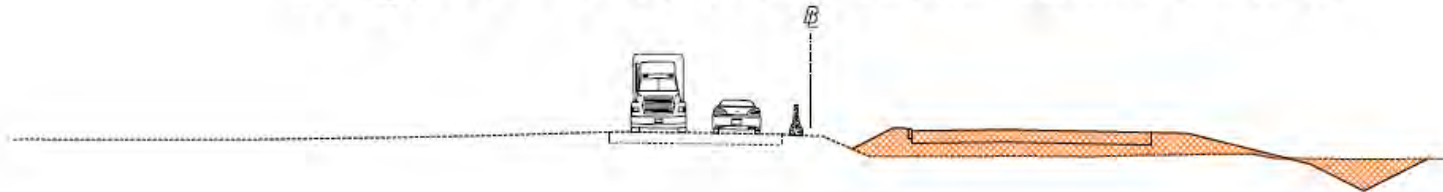
Project Schedule

June 2014	Notice To Proceed
June 2014 - Summer 2015	Complete Design / Permitting
Spring - Fall 2015	Right of Way Acquisition
Summer 2015 - Mid 2016	Utility Relocations
Summer 2015 - Mid 2016	Stage 1 Construction
Mid 2016 - Mid 2017	Stage 2 Construction
Fall 2017	Stage 3 / Complete Project

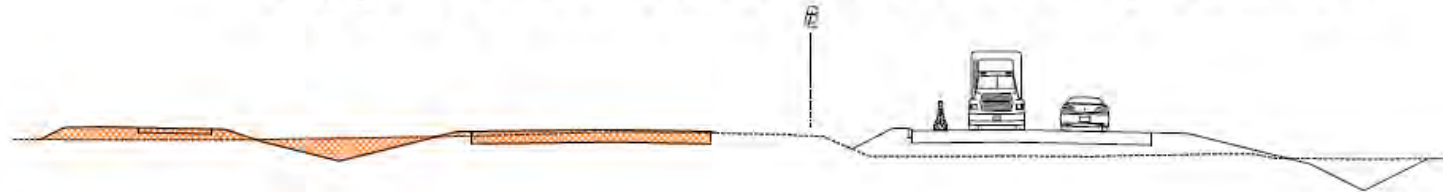
Construction Sequence

Stages 1, 2 & 3

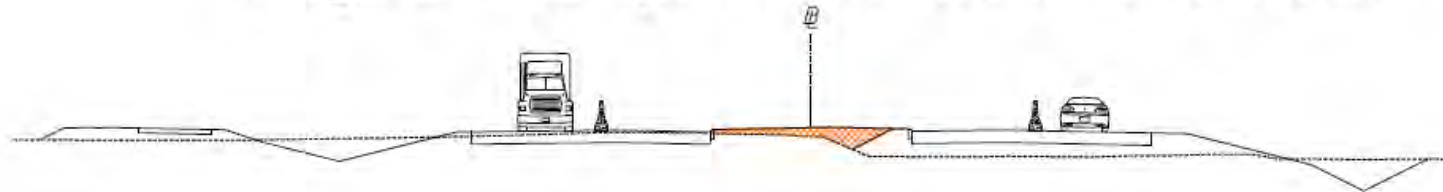
Stage 1 - Construct New Half-Section



Stage 2 - Re-Construct Existing Section



Stage 3 - Complete Median & Turn Lanes



Addressing Your Concerns... Regarding Construction

- A majority of the construction operations will be on weekdays during normal daytime hours, generally 6:00 am to 6:00 pm
- Weekends will be utilized as make-up day due to weather
- Lane Closures to single lane with flagging will be performed at night to minimize traffic impacts
- Nighttime operations will result in noise impacts.
- Notices will be distributed to email distribution list and directly to fire, rescue, and school personnel.
- VDOT to send press releases for major traffic shifts
- Speed limit will be reduced from 55 mph to 45 mph during construction

For More Information About Route 606 Widening Project:

http://www.virginiadot.org/projects/northernvirginia/old_ox_road_widening.asp

(this webpage will be updated throughout the project development)

Or Google: "Route 606 Widening"

Questions and Answers